

CALIFORNIA ENERGY COMMISSION

1516 NINTH STREET
SACRAMENTO, CA 95814-5512
www.energy.ca.gov

**REVISED NOTICE OF PROPOSED AWARD (NOPA)****Wildfire: Assessing and Preparing for Risks under Climate Change****GFO-18-301****August 12, 2019**

On December 27, 2018, the California Energy Commission (Energy Commission) released a competitive solicitation to fund applied research and development to fill gaps in knowledge of fire science and apply that new knowledge to improve models to assess wildfire risk for grid operations and planning. Such models are needed to help ensure resiliency of the electric grid in the near- and long-terms in the face of the growing wildfire risk under climate change. Up to \$5 million in Electric Program Investment Charge (EPIC) funding is available to fund applications in this solicitation.

The Energy Commission received nine proposals by the due date of March 25, 2019. Each proposal was screened, reviewed, evaluated, and scored using the criteria in the solicitation. All nine proposals passed the Stage One Application Screening.

The first NOPA was released on May 8, 2019. The total recommended funding amount was \$5 million with one applicant recommended for funding by Energy Commission staff.

This Revised NOPA corrects an error regarding five applicants' scores. Scoring criteria 7 (Ratio of Direct Labor and Fringe Benefit Rates to Loaded Labor Costs) referenced on page 37 of the GFO-18-301 Solicitation Manual was adjusted to reflect the correct ratios, which include all major subcontractors. This correction adjusted five applicants' scores. Applicants rank number, the total proposed award amount, and the recommended applicant for funding remain unchanged.

The attached "Revised Notice of Proposed Award" table identifies the applicant recommended for funding by Energy Commission staff and includes the recommended funding amount and score for each application.

Funding of the proposed project resulting from this solicitation was approved at the June 12, 2019, Energy Commission Business Meeting. Funding of the proposed project remains contingent on the execution of a grant agreement. If the Energy Commission is unable to timely negotiate and execute a funding agreement with an Applicant, the Energy Commission, at its sole discretion, reserves the right to cancel or otherwise modify the pending award, and award the funds to another applicant.

In addition, the Energy Commission reserves the right to negotiate with the successful applicant to modify the project scope, schedule, and/or level of funding.

This notice is being mailed to all parties who submitted an application to this solicitation and is also posted on the Energy Commission's website at: www.energy.ca.gov/contracts/.

For information, please contact Angela Hockaday at (916) 654-5186 or Angela.Hockaday@energy.ca.gov.

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California Energy Commission

GFO-18-301

Wildfire: Assessing and Preparing for Risks under Climate Change
Project Group: Building the Next Generation of Wildfire Risk Models for Grid Resilience

Notice of Proposed Award

August 12, 2019

Rank Number	Project Applicant	Title	Energy Commission Funds Requested	Energy Commission Funds Recommended	Match Funds	Score	Award Status
Proposed Awards							
1	Spatial Informatics Group, LLC	Comprehensive open source development of next generation wildfire models for grid resiliency	\$5,000,000	\$5,000,000	\$1,656,600	94.44 94.22	Awardee
Total Funding Recommended			\$5,000,000	\$5,000,000	\$1,656,600		
Passed but Not Funded							
2	Electric Power Research Institute, Inc.	Strategies for Mitigation, Assessment of Risk, and Technology Applications for Wildfire Action and Resiliency in the Electric Sector (SMART AWARE)	\$5,000,000	\$0	\$4,764,306	86.65 89.82	Finalist
3	Lawrence Berkeley National Laboratory (LBNL)	Next Generation Wildfire Risk and Spread Models for California Using Big Data and High-Performance Computing Solutions for Grid Resilience	\$5,000,000	\$0	\$32,000	85.18 85.82	Finalist
4	Technosylva Inc.	Building the Next Generation of Wildfire Risk Models for Grid Resilience in California	\$4,998,785	\$0	\$9,463,732	78.50 77.74	Finalist
5	The Regents of the University of California (UCLA)	Wildfire: Assessing and Preparing for Risks Under Climate Change	\$4,706,926	\$0	\$160,000	77.53 77.49	Finalist



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6	The Regents of the University of California (Berkeley)	Wildfire: Assessing and Preparing for Risks Under Climate Change	\$4,916,602	\$0	\$0	75.58	Finalist
7	Regents of the University of California (Irvine)	CAL-WARM: California Wildfire Adaptation and Risk Management	\$5,000,000	\$0	\$0	75.45	Finalist
Total			\$29,622,313	\$0	\$14,420,038		
Did Not Pass							
	Mastery Instruments	Emergency Power Line Interrupter Design	\$4,989,500	\$0	\$0		Did Not Pass
	WZI, Inc.	GIS Interactive Fire Risk Map	\$1,279,693	\$0	\$0		Did Not Pass
Total			\$6,269,193	\$0	\$0		
Disqualified							
Total			\$0	\$0	\$0		
Grand Total			\$40,891,506	\$5,000,000	\$16,076,638		